7th International Scientific Conference
AIR TRAFFIC ENGINEERING

17th-18th May 2022
Warsaw, Poland

Calls for papers

Aerospace engineering	Modelling of air traffic, airports and airspace
	Analysis of navigation equipment
	Air transport influence on the environment
	Problems of ground service
Safety and security, cybersecurity	Air, railway and road transport management systems
	Reliability and risk analysis in transport
	Modern ways of defenses in terms of cyber threats in aviation
	New technologies in safety and security area
Engineering of airport pavements	Modern airfield pavements in theory and in practice
	Proactive maintenance of airfield surface in the safety aspects
Unmanned aerial vehicles	Management and control of UAV
	UAVs: development, design, protection and regulation
	The autonomous UAV
Others	Human factor in air traffic engineering
	Education and training in different kind of transport
	Analysis and development of cargo transport
	The impact of Covid - 19 on all modes of transport
	Law and economical aspects of air transport

All submitted abstracts will be reviewed by members of the Scientific Committee. Accepted abstracts will be published in the conference proceedings.

Full paper (min 10 pages) should be submitted after abstract acceptance. The best papers in English will be recommended for publication in **Transport Problems,** in **Springer's series Lecture Notes in Intelligent Transportation and Infrastructure (LNITI)** and in **WUT Journal of Transportation Engineering (WJTE).** Please note that the normal editorial procedure will apply. All submissions should report original and previously unpublished research results no matter the type of research paper you are presenting. Full text papers will be accepted by **Online Conference Service**. Manuscripts should meet the format set by the Conference committee and are subject to review.

For the paper to be published (both in TP, LNITI and WJTE) all these terms must be fulfilled: abstract and paper submitted before the deadline, Conference fee paid, paper presented during the Conference.

Please submit your papers via https://ocs.springer.com/misc/home/ATE2022

For more information about the conference, you are welcome to contact the organizing committee directly via https://www.konferencjairl.pw.edu.pl/, email irl.wt@pw.edu.pl or anna.kwasiborska@pw.edu.pl.

CONFERENCE DEADLINES

28 February 2022 – registration, abstract submission

15 March 2022 – abstract acceptance notification

31 March 2022 – conference fee payment

30 April 2022 – full paper submission

31 May 2022 – full paper acceptance (and recommendation) notification

SHORT PROGRAMME

May 17th 2022
to 10:00 – Registration of Participants
10:00 – 10:15 – Opening Ceremony
10:15 – 12:00 – Session I
12:00 – 12:15 – Coffee Break
12.15 – 14:00 – Session II
14:00 – 14:45 – Lunch
14:45 – 16:30 – Session III
17:00 – transport to hotel
20:00 – Gala Dinner in hotel

May 18th 2022
7:00 – 9:00 – Breakfast
9:30 – 10:30 – Poster Session
10:30 – 11:00 – Coffee Break
11:00 – 13:00 – Plenary Session and close conference
13:00 – 14:00 – Lunch
After 14:00 – Departure of Participants

NOTE TO AUTHORS

Organizational information

The conference will start in auditorium 0.55 located in the Faculty of Transport of the Warsaw University of Technology on the street Koszykowa 75 in Warsaw. After the sessions there will be a transfer to the hotel near Warsaw. Please send a transport request.
The first day on conference will also be prepared remotely with the participation of MS Teams and will be broadcast on YouTube https://www.youtube.com/watch?v=hVDd_WNAyDo&t=185s.
Questions regarding the organization of the conference can be sent to the e-mail **irl.wt@pw.edu.pl**.

CONFERENCE LANGUAGE

The official conference language is English and Polish. Translations are not provided.

SCIENTIFIC COMMITTEE

Anna Stelmach (Chairman) – Warsaw University of Technology, Poland
Jacek Skorupski (Vice-Chairman) – Warsaw University of Technology, Poland
Michelle Bandeira – Aeronautical Institute of Technology, Brasil
Wang Bo - Ningbo University of Technology, China
Martin Bugaj – University of Zilina, Slovakia
Peter Choroba - Eurocontrol, France
Leszek Cwojdziński – Bombardier
Reggie Davidrajuh – Stavanger University, Norway
Wiesław Dąbrowski - Institute of Roads and Airports, Poland
Andrzej Fellner – Silesian University of Technology, Poland
Andrii Galkin – Beketov National University of Urban Economy in Kharkiv, Ukraine
Iwona Grabarek – Warsaw University of Technology, Poland
Giorgio Guglieri - Technical University of Turin, Italy
Ryszard Hać – Military University of Aviation, Dęblin, Poland
Jeevith Hedge - Norwegian University of Science and Technology, Norway
Gokhan Inalhan – Istanbul Technical University, Turkey
Luboš Janko – Czech Technical University in Prague, Czech Republic
Radosav Jovanović - University of Belgrade, Serbia
Jaroslav Juračka - Brno University of Technology, Czech Republic
Jakub Karaus - CVUT in Pragus, Czech Republic
Antonín Kazda - University of Zilina, Slovakia
Robertas Keršys - Kaunas University of Technology, Lithuania
Grzegorz Kowalczyk – Air Force Institute of Technology, Poland
Jakub Kraus – Czech Technical University in Prague, Czech Republic
Andrzej Krzyszkowski – Kazimierz Pulaski University of Technology and Humanities in Radom, Poland
Pavol Kurdel - Technical University of Košice, Slovakia

Andrej Lalis – Czech Technical University in Prague, Czech Republic
Sławomir Michalak – Air Force Institute of Technology, Poland
Andrej Novak – University of Zilina, Slovakia
Doris Novak - University of Zagreb, Croatia
Olegas Prentkovskis – Vilnius Gediminas Technical University, Lithuania
Adam Rurak – Military University of Aviation, Dęblin, Poland
Michael Schultz – Technical University of Dresden, Germany
Alena Novak-Sedlackova – University of Zilina, Slovakia
Alexei Sharpanskykh – Delft University of Technology, Netherlands
Mirosław Siergiejczyk – Warsaw University of Technology, Poland
Aleksander Sładkowski - – Silesian University of Technology, Poland
Jonas Stankunas – Vilnius Gediminas Technical University, Lithuania
Stanislav Szabo – Technical University of Kosice, Slovakia
Adam Weintrit – Gdynia Maritime University, Poland

ORGANIZING COMMITEE
Division of Air Transport Engineering
Anna Kwasiborska (Conference Supervisor)
Student Air Transport Research Group
Robert Szymczak
Piotr Szałas
Aleksandra Staluszka
Piotr Saporowski
Karolina Kurek

CONFERENCE FEE (until 31.03.2022)
Payment for participation in the conference: single room – 1000 PLN, twin room – 800 PLN pp.
Participation on the first day of the Conference only at the Faculty of Transport in Warsaw:
- 200 PLN (for participants with presentation, conference materials, coffee and lunch included),
- 0 PLN (for participants not presenting the paper, conference materials, coffee and lunch **not included**).
The additional cost is related to the publication of the paper: 600 PLN.
Participation in the conference using MS Teams is free but please add the costs of publishing paper.

Participation in the conference of sponsors and exhibitors is considered individually and please contact the conference supervisor at the email anna.kwasiborska@pw.edu.pl.

PAYMENT TITLE
To: Wydział Transportu Politechniki Warszawskiej ul. Koszykowa 75, 00 – 662 Warszawa
Account number: PKO PPL PW PL 55 1240 2092 9522 1160 0100 0000
Note: IRL2022 /**Name of a participant/Affiliation**

ORGANIZERS

Division of Air Transport Engineering
Faculty of Transport
Warsaw University of Technology
75 Koszykowa St.
00 – 662 Warszawa
e-mail: anna.kwasiborska@pw.edu.pl

SKNTL

Student Air Transport Research Group
75 Koszykowa St.
00 – 662 Warsaw
https://www.skntl.pw.edu.pl/

We encourage you to participate in the conference and submit original research for the conference according Call for Papers 2022.